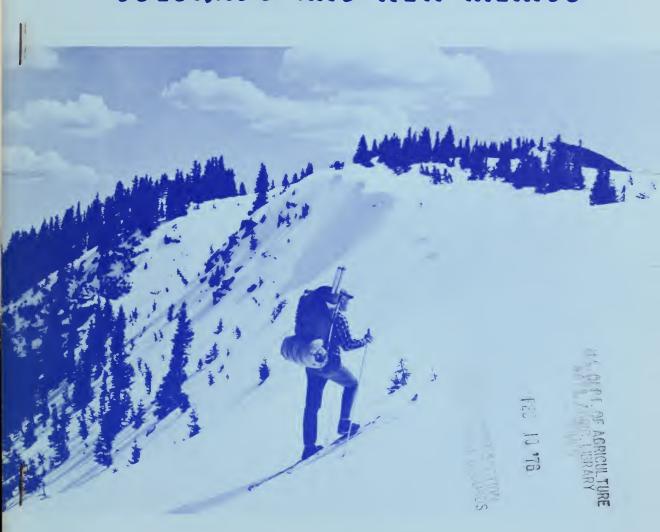
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WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

COLORADO STATE UNIVERSITY EXPERIMENT STATION STATE ENGINEER of COLORADO and STATE ENGINEER of NEW MEXICO

FEB. 1, 1976

Data included in this report were obtained by the agencies named above in cooperation with Federal. State and private organizations listed inside the back cover of this report.

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE

SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P.O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 841 38
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia

WATER SUPPLY OUTLOOK FOR COLORADO AND NEW MEXICO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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ADMINISTRATOR
SOIL CONSERVATION SERVICE
WASHINGTON, D.C.

Released by

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STATE CONSERVATIONIST SOIL CONSERVATION SERVICE ALBUQUERQUE, NEW MEXICO

In Cooperation with

JOHN PATRICK JORDAN

DIRECTOR

C S U

EXPERIMENT STATION

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Report prepared by

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> SOIL CONSERVATION SERVICE SNOW SURVEY UNIT P.O. BOX 17107 DENVER. COLORADO 80217

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WATERSHED II - ARKANSAS RIVER WATERSHED

Describes water supply conditions in Lake County, Upper Arkansas, Fremont, Custer County Divide, Fountain Valley, Black Squirrel, Horse-Rush Creek, Central Colorado, Turkey Creek, Pueblo, Bessemer, Olney Boone, Cheyenne, Upper Huerfano, Stonewall, Spanish Peaks, Purgatoire, Branson Trinchera, Western Baca, Southeastern Baca, Two Buttes, Bent, Timpas, Northeast Prowers, Prowers, Kiowa County, West Otero, East Otero, and Big Sandy Soil Conservation Districts.

WATERSHED III - RIO GRANDE WATERSHED (COLORADO)

Describes water supply conditions in Rio Grande, Center, Conejos, Mosca Hooper, Mt. Blanca, Sanchez, and Culebra Soil Conservation Districts.

WATERSHED IV - RIO GRANDE WATERSHED (NEW MEXICO)

Describes wa ter supply conditions in Upper Chama, East Rio Arriba, Taos, Lindrith, Jemez, Santa Fe - Pojoaque, Sandoval, Tijeras, Cuba, and Edgewood Soil Conservation Districts.

WATERSHED V - DOLORES, SAN JUAN, AND ANIMAS RIVERS WATERSHED

Describes water supply conditions in San Miguel Basin. Dove Creek, Dolores, Mancos, LaPlata, Pine River, San Juan, San Miguel Basin, and Glade Park Soil Conservation Districts.

WATERSHED VI - GUNNISON RIVER WATERSHED

Describes water supply conditions in Delta, Gunnison, Cimarron, Shavano, and Uncompangre Soil Conservation Districts.

WATERSHED VII - COLORADO RIVER WATERSHED

Describes water supply conditions in DeBeque, Plateau Valley, Lower Grand Valley, Bookcliff, Eagle County, Middle Park, Glade Park, Upper Grand Valley, South Side, and and Mt. Sopris Soil Conservation Districts.

WATERSHED VIII -YAMPA, WHITE AND NORTH PLATTE RIVERS WATERSHED

Describes water supply conditions in Yampa, Moffat, West Routt, East Routt, North Park, White River, and Douglas Creek Soil Conservation Districts.

WATERSHED IX - LOWER SOUTH PLATTE RIVER WATERSHED

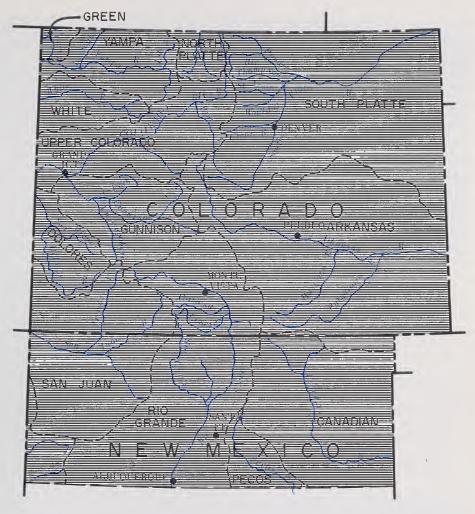
Describes water supply conditions in Sedgwick, South Platte, Haxton, Peetz, Padroni, Morgan, Rock Creek, and Yuma Soil Conservation Districts.

APPENDIX I - SNOW SURVEY MEASUREMENTS

APPENDIX II -SOIL MOISTURE MEASUREMENTS

WATER SUPPLY OUTLOOK

as of FEBRUARY 1, 1976





GENERALLY ADEQUATE 100% OR MORE



LIMITED SHORTAGE 75% - 100%



SEVERE SHORTAGE 75% OR LESS



The map on this page indicates the most probable water supply as of the date of this report. Estimates assume average conditions of snow fall, precipitation and other factors from this date to the end of the forecast period. As the season progresses accuracy of estimates improve. In addition to expected streamflow, reservoir storage, soil moisture in irrigated areas, and other factors are considered in estimating water supply. Estimates apply to irrigated areas along the main streams and may not indicate conditions on small tributaries.

WATER SUPPLY CONDITIONS

as of

FEBRUARY 1, 1976

SNOWFALL HAS BEEN GENERALLY BELOW NORMAL OVER MOST OF COLORADO AND NEW MEXICO.

NEW MEXICO HAS A FEW HIGH SPOTS. HIGH ELEVATION SNOW IS PARTICULARLY LIGHT.

SOME OF THE HIGH ELEVATION SNOWFALL SUCH AS WOLF CREEK PASS IS ONLY 65% OF

NORMAL. WHILE MEDIUM ELEVATION SNOWFALL IS NEAR NORMAL TO SLIGHTLY ABOVE.

THIS IS A SOMEWHAT UNUSUAL CONDITION. THERE IS STILL TIME LEFT TO INCREASE

THE SNOWPACK. ONLY ABOUT HALF OF THE SNOW SEASON IS OVER. THE WINTER HAS

BEEN MILD IN BOTH STATES.

COLORADO -- THE SNOWPACK IS SLIGHTLY BELOW NORMAL FOR THE STATE.

SOME OF THE SNOW COURSES, ESPECIALLY AT LOW ELEVATIONS, ARE NEAR

TO OR SLIGHTLY ABOVE NORMAL, HOWEVER, THE STATE AS A WHOLE IS BELOW. THERE

IS STILL ADEQUATE TIME TO INCREASE THE SNOWPACK. THE COLORADO BASIN IN THE

MIDDLE OF THE STATE HAS THE BEST SNOWPACK. SOIL MOISTURE CONDITIONS OVER THE

STATE ARE REPORTED AS FAIR TO GOOD. REPORTS INDICATE WARM AND DRY CONDITIONS

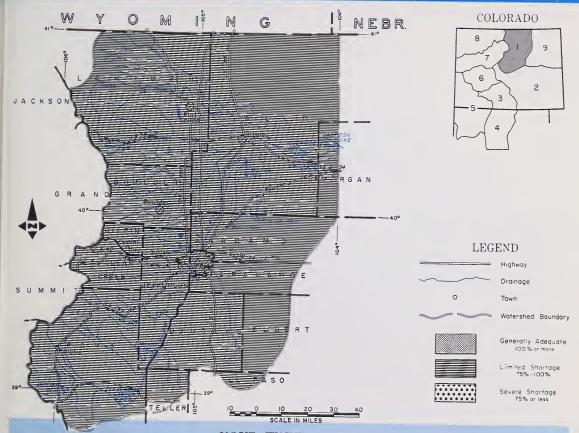
HAVE EXISTED MOST OF THE WINTER. CARRYOVER STORAGE IS NEAR NORMAL.

NEW MEXICO -- SNOW COURSES ON THE PECOS ARE 120% OF NORMAL AND ON THE RED RIVER DRAINAGE 150%. THE REST OF THE STATE'S SNOWPACK IS NEAR NORMAL. NONE OF THE DRAINAGES INDICATE DEFICIENT SNOW. IF THE REMAINDER OF THE YEAR PRODUCES NORMAL SNOW, RUNOFF SHOULD BE NEAR AVERAGE. CARRYOVER STORAGE IS 131% OF NORMAL, HOWEVER, THIS HIGH PERCENTAGE IS GENERALLY DUE TO EL VADE WHICH CONTAINS 122,000 ACRE FEET. NORMALLY IT IS EMPTY. SOIL MOISTURE CONDITIONS ARE GENERALLY POOR, HOWEVER, SEVERAL STATIONS REPORT FAIR CONDITIONS.

WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE SOUTH PLATTE RIVER WATERSHED IN COLORADO

as of FEBRUARY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

FIRST OF THE MONTH SNOW SURVEYS INDICATE LESS THAN NORMAL SNOW CONDITIONS ON ALL THE NORTHERN TRIBUTARIES TO THE SOUTH PLATTE, BUT SLIGHTLY ABOVE ON THE MAINSTEM. BOULDER CREEK HAS ONLY 75% OF THE 15 YEAR NORMAL. THIS CONDITION COULD CHANGE RAPIDLY WITH A COUPLE OF GOOD STORMS. CARRYOVER STORAGE IS GOOD. VALLEY SOILS ARE REPORTED TO BE IN FAIR TO GOOD CONDITION. TIME STILL REMAINS TO IMPROVE SNOW CONDITIONS.

RODNEY M. ALT – AREA CONSERVATIONIST GREELEY, COLORADO

JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO

This report prepared by __

M D. BURDICK - STATE CONSERVATIONIST DENVER COLORADO LA MOSS - AREA CONSERVATIONIST LA JUNTA, COLORADO LA MOSS - AREA CONSERVATIONIST

FORECAST POINT	FORE - CAST	% of Average	Average *
No numerical forecasts issued until March 1, 1976.			

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through August P. Gumlick Tunnel. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow	Period
STREAM or AREA	Spring Season	Late Season
Bear Creek	Avg.	Fair
Coal Creek	Avg.	Fair
North Fork of South	Avg.	Fair
Platte		
North Fork of Cache	Avg.	Fair
La Poudre		
Ralston Creek	Avg.	Fair
Rock Creek	Avg.	Fair

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or	Number of Courses	THIS YEAR'S SNOW WATER AS PERCENT OF		
SUB-WATERSHED	Averaged	Last Year	Average *	
Big Thompson	5	92	88	
Boulder	3	75	74	
Cache La Poudre	6	97	96	
Clear Creek	6	76	84	
Saint Vrain	2	78	84	
South Platte	2	89	108	

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

DECENTAIN	Usable	U	sable Stora	ge
RESERVOIR	Capacity	This Year	Last Year	Average*
Antero	33	16	16	14
Barr Lake	32	25	25	21
Black Hollow	8	4	5	4
Boyd Lake	44	39	37	37
Cache La Poudre	10	4	7	8
Carter Lake	109	92	86	77
Chambers Lake	9	2	3	3
Cheesman	79	49	41	56
Cobb Lake	34	15	17	15
Eleven Mile	98	98	96	87
Fossil Creek	12	4	7	7
Gross	43	24	22	29
Halligan	6	2	4	3
Horsetooth	144	92	82	86
Lake Loveland	14	10	10	9
Lone Tree	9	4	5	6
Mariano	5	5	5	5
Marshall	10	4	6	4
Marston	18	13	16	14
Milton	24	16	15	13
Standley	42	29	27	15
Terry	8	6	6	5
Union	13	11	12	10
Windsor	19	12	10	10

* 1958-1972 period.

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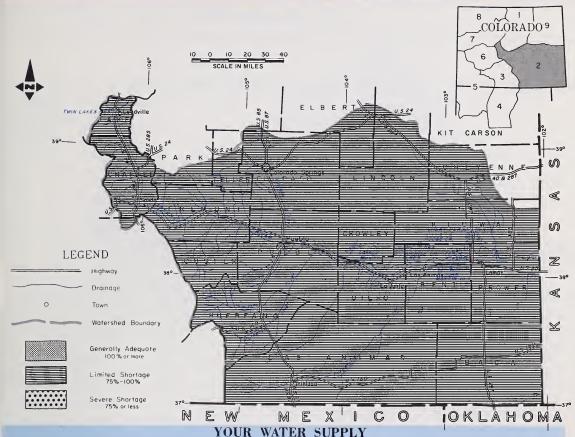
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE ARKANSAS RIVER WATERSHED IN COLORADO

as of FEBRUARY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



SNOWPACK IN THE ARKANSAS BASIN IS GENERALLY NEAR TO SLIGHTLY BELOW AVERAGE.

SNOWFALL WAS BELOW AVERAGE DURING AN UNSEASONABLY WARM AND WINDY JANUARY.

VALLEY SOIL MOISTURE IS FAIR TO POOR. ADDITIONAL MOISTURE IS NEEDED.

RESERVOIR STORAGE IS WELL BELOW AVERAGE BUT NEAR THE SAME AS LAST YEAR. IF

THE CURRENT TREND OF BELOW NORMAL PRECIPITATION CONTINUES, IRRIGATION WATER

SUPPLIES MAY BE SHORT IN SOME AREAS.

This report prepared by _____

JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO M. D. BURDICK - STATE CONSERVATIONIST DENVER, COLORADO DONALD A. MOSS – AREA CONSERVATIONIST LA JUNTA, COLORADO

U.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

D. W GILLASPIE - AREA CONSERVATIONIST
ALMONGA, COLORADAY

FORECAST POINT	FORE- CAST	% of Average	Average *
No numerical forecasts issued until March 1, 1976			
No numerical forecasts issued until match 1, 1970			

⁽¹⁾ Observed flow plus change in Clear Creek, Twin Lakes and Turquoise Reservoirs minus diversions through Busk Ivanhoe, Boustead, Divide, Twin Lakes and Homestake Tunnels and twing, Front Pass, Wurtz and Columbine ditches.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow	Period
STREAM or AREA	Spring Season	Late Season
Apishapa River Fountain Creek Grape Creek Hardscrabble Creek Monument Creek	Avg. Avg. Fair Fair Fair	Avg. Avg. Fair Fair Fair

SUMMARY OF SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN	Number of		AR'S SNOW
and/or	Courses		PERCENT OF
SUB-WATERSHED	Averaged	Last Year	Average ¥
Arkansas	7	84	94
Cucharas	2	75	88
Purgatoire	1	88	105

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Usable Storage		Usable	ge
RESERVOIR	Capacity	This Year	Last Year	Average*
Adobe Clear Creek Cucharas Great Plains Horse Creek John Martin Meredith Model Turquoise Twin Lakes	62 11 40 150 27 354 42 15 121 58	0 5 0 0 4 7 0 1 52 18	0 2 0 0 0 4 0 0 39 18	17 8 3 49 6 85 10 3 26

¥ 1958-1972 period.

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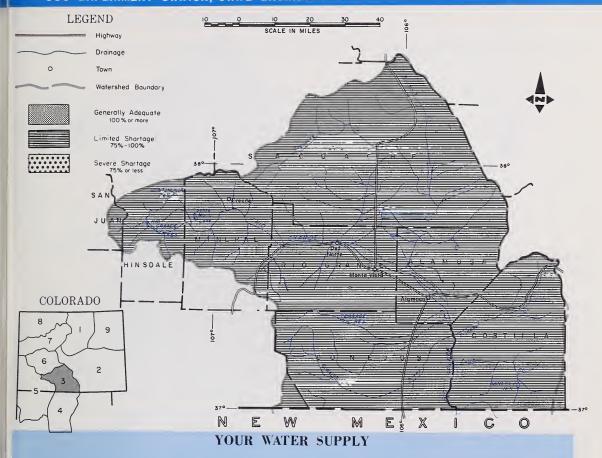
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE UPPER RIO GRANDE WATERSHED IN COLORADO

as of FEBRUARY 1, 1976

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



THE RIO GRANDE BASIN STREAMS WILL FLOW LESS THAN NORMAL UNLESS SNOWFALL IS MUCH ABOVE NORMAL IN THE NEXT THREE MONTHS. CURRENT SNOWPACK RANGES FROM 64% OF NORMAL ON THE CONEJOS TO 88% ON THE ALAMOSA. CARRYOVER STORAGE IS NEAR NORMAL. SOIL MOISTURE CONDITIONS IN THE VALLEYS IS REPORTED AS FAIR.

JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO

This report prepared by_

M. D. BURDICK - STATE CONSERVATIONIST DENVER, COLORADO D. W GILLASPIE – AREA CONSERVATIONIST ALAMOSA, COLORADO

U.S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

FORECAST POINT	FORE - CAST	% of Average	Average
No numerical forecasts issued until March 1, 1976.			
No fidiletted forecases assure affect the entire is 1770.			

.
(1) Observed flow plus change in storage in Platoro Reservoir. (2) Observed flow plus change in storage in Sanchez Reservoir. (3) Observed flow plus change in storage in Santa Maria, Rio Grande and Continental Reservoirs.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow Period	
STREAM or AREA	Spring Season	Late Season
Saguache Creek Sangre de Cristo Cr. Trinchera Creek	Fair Fair Fair	Poor Poor Poor

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN	Number of	THIS YEAR'S SNOW		
and/or	Courses	WATER AS PERCENT OF		
SUB-WATERSHED	Averaged	Last Year	Average ¥	
Alamosa	2	102	88	
Conejos	2	87	64	
Culebra	2	70	78	
Rio Grande	10	66	71	

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH Usable

RESERVOIR

	Capacity	This Year	Last Year	Average *
Continental Platoro	27 60	4	2 19	5
Rio Grande	46	16	5	19
Sanchez	103		4	13
Santa Maria	45	9	4	6 5
Terrace	18		7	5

¥ 1958-1972 period.

Usable Storage

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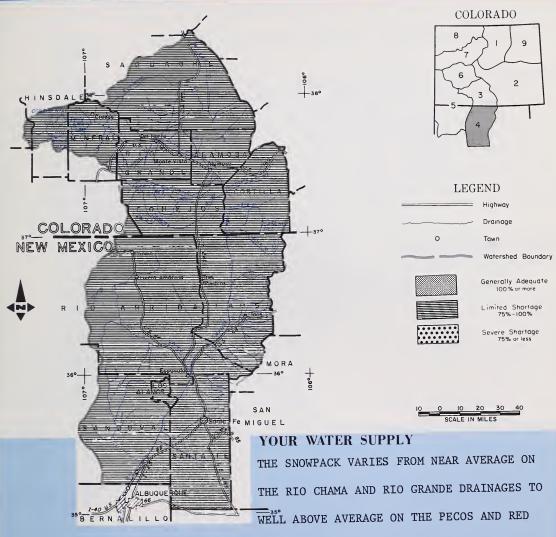
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE RIO GRANDE WATERSHED IN NEW MEXICO

as of February 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



RIVER DRAINAGES. SOIL MOISTURE CONDITIONS AT VALLEY LOCATIONS ARE RATED FROM FAIR TO POOR FOR THIS TIME OF YEAR. CARRYOVER STORAGE IS EXCELLENT IN MOST

> JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO

MARION E STRONG - STATE CONSERVATIONIST
ALBUQUEROUE, NEW MERICO

U.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

STREAMFLOW FORECASTS (1000 Ac. Ft.) March-July

FORECAST POINT	FORE - CAST	% of Average	Average *
v 1 5 1 1 1076			
No numerical forecasts issued until March 1, 1976.			

(1) Observed flow plus change in Costilla Reservoir. (2) Observed flow plus change in storage in El Vado and Abiquiu Reservoir.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow	Period
STREAM or AREA	Spring Season	Late Season
Embudo Creek	Avg.	Avg.
Mora River	Exc.	Avg.
Nambe Creek	Avg.	Avg.
Rio Ojo Caliante	Avg.	Avg.
Rio Pueblo de Taos	Exc.	Avg.
Santa Fe Creek	Exc.	Avg.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or	Number of Courses		R'S SNOW PERCENT OF	
SUB-WATERSHED	Averaged	Last Year	Average *	
Pecos	1	81	120	
Red River	2	222	148	
Rio Chama	4	102	96	
Rio Grande, NM	9	85	94	
Rio Hondo	_			

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

	Usable	Usable Storage		
RESERVOIR	Capacity	This Year	Last Year	Average
Alamogordo Avalon Caballo Conchas El Vado Elephant Butte McMillan	111 5 344 273 195 2195 34	35 3 69 82 122 684 5	40 5 40 129 87 427 32	80 50 185 2 442

¥ 1958-1972 period.

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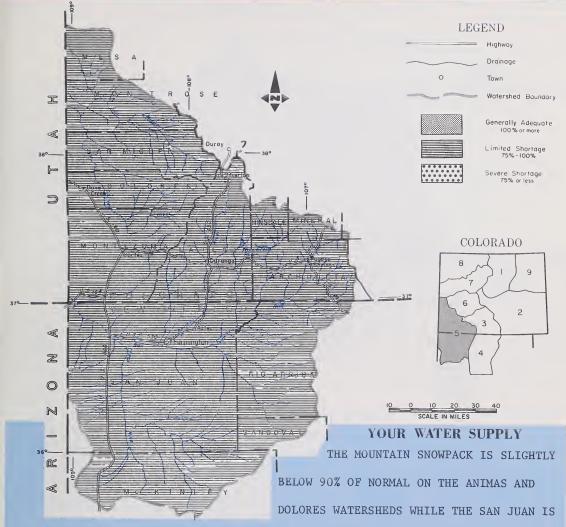
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE SAN MIGUEL, DOLORES, ANIMAS, AND SAN JUAN WATERSHEDS IN COLORADO AND NEW MEXICO

as of FEBRUARY 1, 1976

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



CONSIDERABLY LOWER AT 69% OF AVERAGE. THIS SNOWPACK PICTURE MAY CHANGE SINCE

IT IS STILL EARLY IN THE SEASON. SOIL MOISTURE IN IRRIGATED AREAS IS REPORTED

TO BE FAIR. STORAGE IN AREA RESERVOIRS IS GOOD TO EXCELLENT.

_This report prepared by _____

JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO M. D. BURDICK – STATE CONSERVATIONIST DENVER, COLORADO

ONSERVATIONIST MARION E STRONG -- STATE CONSERVATIONIST DRADO ALBUQUERQUE, NEW MEXICO

U.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

D. W GIILASPIE - AREA CONSERVATIONIST ALMOSA, COLORADO

JAMES E TATUM - AREA CONSERVATIONIST SAIMOSA, COLORADO

FORE- CAST	% of Average	Average *

(1) Observed flow plus change in storage in Vallicito Reservoir. (2) April - July

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow Period		
STREAM or AREA	Spring Season	Late Season	
Florida River Hermosa Creek West Dolores River Williams Creek	Avg. Avg. Avg. Avg.	Fair Fair Fair Fair	

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

ber of	THIS YEAR'S SNOW			
urses	WATER AS PERCENT OF			
Averaged Last Year		Average *		
6	71	88		
5	78	87		
5	64	69		
		6 71 5 78		

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

	RESERVOIR	Usable	Usable Storage			
		Capacity	This Year	Last Year	Average*	
	Groundhog Jackson Gulch Lemon Navajo Vallecito	22 10 40 1696 126	9 6 20 1130 53	9 3 6 918 27	9 4 19 1237 53	

* 1958-1972 period.

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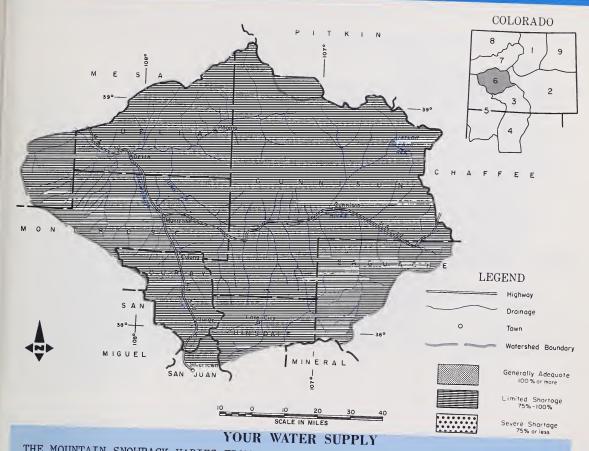
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE GUNNISON RIVER WATERSHED IN COLORADO

as of FEBRUARY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE · SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



THE MOUNTAIN SNOWPACK VARIES FROM NEAR AVERAGE ON THE UNCOMPAHGRE DRAINAGE TO BELOW AVERAGE ON THE GUNNISON AND SURFACE CREEK DRAINAGES. LOWER ELEVATIONS ARE NEARER TO AVERAGE THAN ARE HIGHER ELEVATIONS WHICH ARE GENERALLY BELOW AVERAGE. SOIL MOISTURE IN IRRIGATED AREAS IS REPORTED AS GOOD TO FAIR.

STORAGE IN BLUE MESA AND TAYLOR RESERVOIRS IS SLIGHTLY BELOW AVERAGE WHILE MORROW POINT IS ABOVE NORMAL.

_This report prepared by _

JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO M D BURDICK - STATE CONSERVATIONIST
DENVER, COLORADO

DUANE L. JOHNSON - AREA CONSERVATIONIST GRAND JUNCTION, COLORADO

U.S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE

FORECAST POINT	FORE - CAST	% of Average	Average *
No numerical forecasts issued until March 1, 1976.			

⁽¹⁾ Observed flow plus change in storage in Taylor Reservoir. (2) Observed flow plus change in storage in Blue Mesa, Morrow Point and Taylor Reservoirs. (3) Observed flow plus change in storage in Paonia Reservoir.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

Flow F	eriod
Spring	Late
Season	Season
Fair	Fair
	Fair Fair Fair Fair

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

	RESERVOIR	Usable	Usable Storage		
		Capacity	Last Year	This Year	Average*
	Blue Mesa Morrow Point Taylor	830 121 106	435 115 51	473 116 63	491 100 63

* 1958-1972 period.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN	Number of	WATER AS	AR'S SNOW
and/or	Courses		PERCENT OF
SUB-WATERSHED	Averaged	Last Year	Average *
Gunnison	10	76	81
Surface Creek	3	77	72
Uncompahgre	3	72	97

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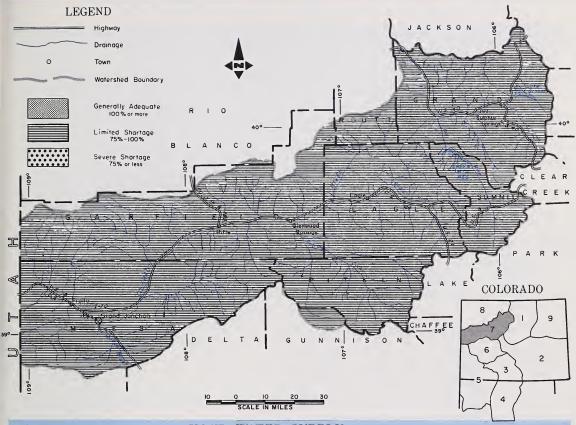
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE COLORADO RIVER WATERSHED IN COLORADO

as of FEBRUARY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

MOST TRIBUTARY STREAMS OF THE COLORADO HAVE A NEAR NORMAL SNOWPACK. THE BLUE RIVER HAS THE HIGHEST WITH 102% AND THE PLATEAU IS LOW WITH ONLY 74%. THE GRANDE MESA IS SLIGHTLY DEFICIENT. ONLY ABOUT HALF OF THE SNOW SEASON HAS PASSED, SO ADEQUATE TIME REMAINS TO INCREASE THE PACK. CARRYOVER STORAGE IS UP SLIGHTLY. THE WARM DRY CLIMATE THIS YEAR HAS DRIED IRRIGATED LANDS. SOME ADDITIONAL WATER WILL BE REQUIRED TO WET THESE LANDS.

 M D BURDICK STATE CONSERVATIONIST DUAN'E L'OHINSON - AREA CONSERVATIONIST GRAND JUNCTION, COLORADO

U.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

FORECAST POINT	FORE- CAST	% of Average	Average ^X
No numerical forecasts issued until March 1, 1976.			

(1) Observed flow plus diversions through Roberts Tunnel and change in storage in Dillon Reservoir. (2) Observed flow corrected for change in storage in Lake Granby as furnished by U.S.B.R. and diversions by Adams Tunnel and Grand River Ditch. (3) Observed flow plus the changes as indicated in (1), (2) and (5) plus Mossian Ditch and change in Homestake, Williams Fork, Green Mt. and Willow Creek Reservoirs. (4) Observed flow plus diversions through Divide and Tuin Lakes Tunnels olds change in storage in Ruedi Reservoir. (5) Observed flow plus diversions through August P. Gumlick Tunnel. (6) Observed flow plus the changes as indicated in (3) and (4).

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow	Period
STREAM or AREA	Spring Season	Late Season
Brush Eagle River Gypsum Creek	Avg. Avg. Avg.	Fair Fair Fair

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or	Number of Courses		AR'S SNOW PERCENT OF
SUB-WATERSHED	Averaged	Last Year	Average *
Blue River	7	91	102
Colorado	17	86	94
Plateau	3	80	73
Roaring Fork	7	82	87
Williams Fork	3	86	92
Willow	2	103	94

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

Usable	Us	able Storag	е
Capacity	This Year	Last Year	Average¥
254	229	213	234
466	319	330	255
139	85	77	77
43	0	33	20
101	68	66	70
32	12	6	10
97	52	43	34
9	7	6	6
	254 466 139 43 101 32 97	Capacity This Year	Capacity This Last Year

¥ 1958-1972 period.

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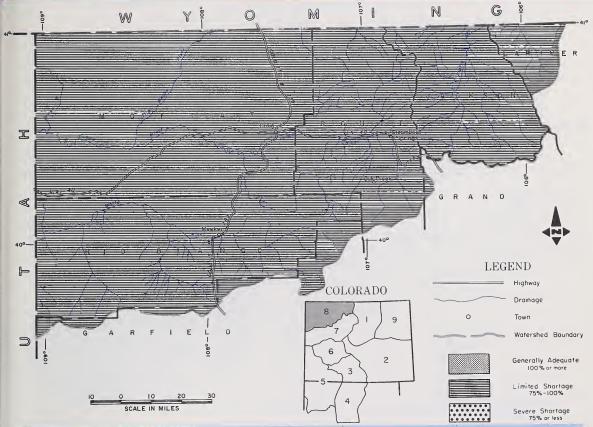
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE YAMPA, WHITE, AND NORTH PLATTE RIVER WATERSHEDS IN COLORADO

as of FEBRUARY 1, 1976

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

SNOW CONDITIONS IN NORTHERN AND NORTHWEST COLORADO ARE BELOW NORMAL EXCEPT ON THE ELK RIVER DRAINAGE. SNOW COURSES ON THE ELK INDICATE 111% MORE SNOW THAN NORMAL. THE LARAMIE AND RIVER DRAINAGES HAVE ONLY ABOUT 75% OF NORMAL SNOW. THE SNOW SEASON IS ONLY ABOUT HALF OVER SO ADEQUATE TIME REMAINS TO IMPROVE CONDITIONS. SOIL MOISTURE CONDITIONS IN THE VALLEYS ARE LISTED AS FAIR.

JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO

This report prepared by_

M. D. BURDICK - STATE CONSERVATIONIST DUANE L. JOHNSON - AREA CONSERVATIONIST GRAND JUNCTION, COLORADO

U.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

FORECAST POINT	FORE - CAST	% of Average	Average *
No numerical forecasts issued until March 1, 1976.			
			5 1 1

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow	Period
STREAM or AREA	Spring Season	Late Season
Canadian River	Avg.	Fair
Hunt Creek	Avg.	Fair
Illinois River	Avg.	Fair
Michigan River	Avg.	Fair
Oak Creek	Fair	Fair
Trout Creek	Fair	Fair

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN	Number of	THIS YEA	YEAR'S SNOW	
and/or	Courses	WATER AS I	R AS PERCENT OF	
SUB-WATERSHED	Averaged	Last Year	Average *	
Elk	1	111	111	
Laramie	1	96	79	
North Platte	5	83	90	
White	2	67	74	
Yampa	5	68	86	

* 1958-1972 period.

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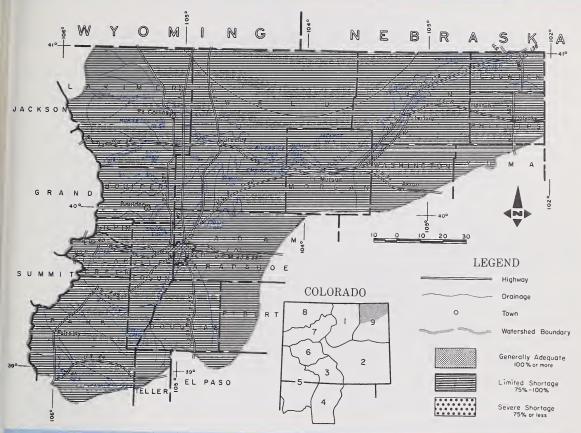
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WATER SUPPLY OUTLOOK FOR THE SOIL CONSERVATION DISTRICTS IN THE LOWER SOUTH PLATTE RIVER WATERSHED IN COLORADO

as of FEBRUARY 1, 1976

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE
CSU EXPERIMENT STATION, STATE ENGINEERS OF COLORADO AND NEW MEXICO



YOUR WATER SUPPLY

SNOWFALL IN THE SOUTH PLATTE BASIN IS BELOW NORMAL EXCEPT ON THE MAINSTEM ABOVE DENVER. SNOWFALL IS NOT SERIOUSLY DEFICIENT AND COULD BE BACK TO NORMAL WITH SEVERAL GOOD SNOWSTORMS. CARRYOVER STORAGE IS SLIGHTLY ABOVE NORMAL AND WILL PROVIDE AN EXCELLENT SUPPLEMENTAL SUPPLY. SOIL MOISTURE CONDITIONS BELOW BRUSH ARE LISTED AS FAIR.

JACK N. WASHICHEK—BERNARD A. SHAFER SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE DENVER, COLORADO

This report prepared by_

M D BURDICK - STATE CONSERVATIONIST
DENVER, COLORADO

W.S. DEPARTMENT OF AGRICULTURE — SOIL CONSERVATION SERVICE

FORECAST POINT	FORE- CAST	% of Average	Average*
No numerical forecasts issued until March 1, 1976			

(1) Observed flow plus by-pass to power plants. (2) Observed flow minus trans-basin diversions plus municipal and irrigation diversions. (3) Observed flow minus diversion through August P. Gumlick Tunnel. (4) Observed flow plus change in storage in Price Reservoir.

WATER SUPPLY OUTLOOK Expressed as "Poor, Fair, Average, Excellent" With Respect to Usual Supply.

	Flow P	eriod
STREAM or AREA	Spring Season	Late Season
South Platte from Greeley to Fort Morgan	Fair	Fair
South Platte from Fort Morgan to Sterling	Fair	Fair
South Platte below Sterling	Fair	Fair

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

(COMPARISON WITH TREVIOUS TEXTS)					
RIVER BASIN and/or	Number of Courses	THIS YEAR'S SNOW WATER AS PERCENT OF			
SUB-WATERSHED	Averaged	Last Year	Average*		
Big Thompson	5	92	88		
Boulder	3	75	74		
Cache La Poudre	6	97	96		
Clear Creek	6	76	84		
Saint Vrain	2	78	84		
South Platte	2	89	108		

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

	Usable	Usable Storage		le Usable St	ge
RESERVOIR	Capacity	This Year	Last Year	Average [★]	
Carter Cheesman Eleven Mile Empire Horsetooth Jackson Julesburg Point of Rocks Prewitt Riverside	109 79 98 38 144 35 28 70 33 58	92 49 98 21 92 20 20 58 25 41	85 41 96 7 81 26 20 57 28 55	77 56 87 26 86 28 20 53 16 45	

* 1958-1972 period.

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APPENDIX I

SNOW COURSE MEASUREMENTS as of February 1, 1976

	CU	RRENT INFO	RMATION	PAST RECORD	
SNOW COURSE	OATE OF SURVEY	OATE SNOW OF OEPTH SURVEY (INCHES)		WATER CONTENT	
and Course	SURVEY	(INCHES)	WATER CONTENT (INCHES)	LAST YEAR	58-72
NORTH PLATTE BASIN	Ι			Γ	
Laramie River					
Deadman Hill	1/30	34	8.2	8.5	10.4
McIntyre	NS				
Roach	1/28	44	12.5	9.9	
North Platte River	. ,				
Cameron Pass Columbine Lodge	1/26	52	16.0	17.8	16.5
Northgate	1/28	47 16	12.4	3.6	14.3
Park View	1/27	24	5.4	5.5	5.8
Willow Cr. Pass (B)	1/27	28	6.4	7.1	7.7
SOUTH PLATTE BASIN					
Boulder Creek	1				
Baltimore	1/28	15	3.1	4.8	5.1
Boulder Falls	1/29	25	6.0	7.6	7.1
University Camp	1/29	32	7.9	10.1	10.9
Big Thompson River					
Deer Ridge	1/28	14	3.2	2.3	2.9
Hidden Valley Lake Irene (B)	1/28	23 44	5.2 11.4	6.1	6.4
Long's Peak	1/30	19	5.4	6.4	6.0
Two Mile	1/28	30	8.0	8.6	8.6
Cache La Poudre					
Bennett Creek	1/29	19	4.0	3.2	
Big South	1/28	4	0.8	1.9	1.4
Cameron Pass	1/26	52	16.0	17.8	16.5
Chambers Lake	1/28	23	6.9	6.0	5.6
Deadman Hill Hourglass Lake	1/30	34 18	8.2 4.2	8.5	10.4
Joe Wright	1/26	48	12.6	15.5	
Lost Lake	1/28	30	7.6	7.5	7.7
Red Feather	1/30	19	4.2	3.2	4.0
Clear Creek					
Baltimore (B)	1/28	15	3.1	4.8	5.1
Berthoud Falls	1/28	28	6.2	9.9	8.3
Empire	1/28	17	3.2	5.8	4.5
Grizzly Peak (B) Loveland Lift	1/29	38 39	10.4	12.2	10.6
Loveland Pass	1/29	31	8.2	10.7	9.0
St. Vrain River	1, 1,	31	0.2		
Copeland Lake	1/29	9	2.4	3.5	2.8
Ward	1/29	14	3.0	3.4	3.6
Wild Basin	NS				7.2
South Platte River					
Como	1/29	19	5.0	4.9	
Geneva Park	1/27	16	4.1	2.8	
Horseshoe Mt. Hoosier Pass	1/28	27 29	6.6 8.2	8.9 9.6	8.0
Jefferson Creek	1/29	26	6.8	7.2	5.9
Mosquito	1/30	27	6.9	7.8	
Trout Creek Pass	1/28	14	3.2	4.3	
ARKANSAS BASIN					
Arkansas River					
Bigelow Divide	1/29	22	4.9	5.6	
Cooper Hill (B)	1/30	32	8.0	7.4	6.9
East Fork Four Mile Park	1/28	27 19	6.5 3.5	6.7	6.0 3.9
Fremont Pass	1/28	41	11.0	10.6	9.8
Garfield	1/29	24	8.2	11.0	8.5
Hermit Lake	1/28	16	4.5	7.3	
Monarch Pass	1/29	29	7.8	13.7	10.3
Tennessee Pass	1/31	28	5.4	6.1	6.5
Twin Lakes Tunnel Westcliffe	1/22	26	5.3	4.4	6.0
westcilite	1/28	18	4.5	6.5	

	CURRENT INFORMATION PAST RECORD					
	OATE	SNOW	WATER	WATER C		
SNOW COURSE	OATE OF SURVEY	OEPTH (INCHES)	WATER CONTENT (INCHES)	LAST	AVG. 58-72	
Cucharas River						
Apishapa	1/29	16	5.5	5.3	4.5	
Cucharas Creek	1/29	23	6.3	5.8		
La Veta Pass (B)	1/29	18	3.4	6.6	5.6	
Purgatoire River						
Bourbon	1/29	21	4.6	5.2		
RIO GRANDE BASIN-COLO						
Alamosa River Silver Lakes	1/20	20	, ,	, ,	3.5	
Summitville	1/28	20 37	4.7 9.0	3.2	11.9	
Conejos River	-, -0		,,,			
Cumbres	1/30	28	7.9	10.6	13.1	
La Manga	1/30	33	9.2	8.9		
Platoro	1/30	30	8.5	8.3	12.5	
River Springs	NS			3.7	4.3	
Culebra River Brown Cabin	NS			4.6		
Cottonwood (B)	NS			6.4		
Culebra	1/30	23	5.3	5.8	5.6	
La Veta Pass (B)	1/29	18	3.4	6.6 5.8	5.6	
Trinchera (B)	NS			5.0		
Rio Grande Cochetopa Pass	1/27	19	4.0	5.0	3.6	
Grayback	1/26	34	8.6	7.4		
Hiway	1/30	33	9.8	16.5	15.6	
Lake Humphrey	1/27	23	5.1	5.1 7.3	4.8	
Love Lake Pass Creek	1/27	23	5.2 6.4	8.9	8.2	
Pool Table	1/27	19	3.2	3.2	5.2	
Porcupine	1/30	23	6.0	7.6	8.1	
Santa Maria	1/31	12	2.3	5.9	3.3	
Upper Rio Grande Wolf Creek Pass	1/29	21	4.8	19.2	17.4	
Wolf Cr. Summit (B)	1/30	39	11.6	19.2	18.5	
RIO GRANDE BASIN-NM						
Pecos River						
Panchuela	1/26	14	3.0	3.7	2.5	
Rio Chama						
Bateman	1/27	25	5.7	6.1		
Capulin Pook	1/28	13 14	3.1	2.7	2.6	
Capulin Peak Chama Divide	1/29	15	3.0	2.0	2.9	
Chamita	1/29	24	4.9	5.9	5.5	
Rio Grande						
Alamitos	1/26	17	3.3	5.1	4.0	
Big Tesuque Cordova	1/28 NS	14	3.6	3.4	6.2	
Elk Cabin	1/29	10	2.3	4.7	2.7	
Hopewell	1/28	34	10.0	7.8		
La Cueva	1/27	11	2.7	3.1	0.3	
Pajarito	1/27 1/27	2 3	0.3	2.0	1.1	
Pajarito Peak Palo	1/27	26	6.9	5.0		
Payrole	1/30	20	4.3	5.0	6.1	
Quemazon	1/29	16	2.9	5.0	6.1	
Rio En Medio Sandoval	1/28 1/29	23 6	5.1 1.0	3.9	6.0 3.5	
Sandoval Senorita Divide	1/27	18	3.9	4.1		
Taos Canyon	1/27	22	6.8	3.8	2.7	
Tres Ritos	1/26	20	4.0	4.4	3.3	
Rio Hondo	1/00		15.0	12 6		
Taos Powderhorn	1/28	46	15.0	13.6		
Red River Hematite Park (B)	1/26	18	4.6	2.1	2.9	
Red River	1/26	17	5.2	2.3	3.7	
Red River #2	1/27	22	6.3	4.1		

(B) - On Adjacent Drainage

APPENDIX I

SNOW COURSE MEASUREMENTS as of February 1, 1976

	CUI	RENT INFO	RMATION	PAST R		
SNOW COURSE	DATE DF SURVEY	SNDW DEPTH (INCHES)	WATER CONTENT (INCHES)	WATER C (INC LAST YEAR	AVG. 58-72	SNOW COURS
SAN JUAN-DOLORES BASIN						Colorado Rive
Animas River Cascade Lemon Mineral Creek Molas Lake Purgatory Red Mt. Pass (B) Silverton Sub-Sta. Spud Mountain	1/29 1/30 1/29 1/29 1/29 1/29 1/29 1/29	26 22 29 24 34 56 21	7.4 5.4 8.0 7.0 10.3 16.7 6.2 13.0	9.6 7.4 13.0 10.1 15.2 23.0 8.1 18.3	5.6	Arrow Berthoud Page Berthoud Sur Cooper Hill Fiddler Guld Glenmar Rand Gore Pass Grand Lake Lake Irene
Dolores River Lizard Head Lone Cone Ophir Loop Rico Telluride Trout Lake	1/29 1/29 1/28 1/29 1/28 1/28	30 42 30 18 25 31	7.0 12.2 7.0 3.8 5.2 7.3	11.4 10.6 5.4 7.0 11.2	10.4 11.8 5.6 4.7 8.1	Lapland Lulu Lynx Pass McKenzie Gu Middle Fork Milner North Inlet Pando
San Juan River Chama Divide (B) Chamita (B) Upper San Juan Wolf Cr. Pass (B) Wolf Cr. Summit	1/29 1/29 1/30 1/30 1/30	14 24 41 37 39	3.0 4.9 12.8 11.2 11.6	2.0 5.9 21.6 19.2 19.2	17.4	Phantom Val. Ranch Creek Tennessee P. Vail Pass Vasquez Roaring Fork
GUNNISON BASIN Gunnison River Alexander Lake Blue Mesa Butte Cochetopa Pass (B) Crested Butte Keystone Lake City Mesa Lakes (B) McClure Pass Park Cone Park Reservoir Porphyry Creek Tomichi	1/30 NS 1/29 1/27 1/29 1/28 1/29 1/28 1/27 1/28 1/29 1/29	33 30 19 35 38 20 31 32 28 45 33 26	9.6 7.8 4.0 8.2 9.8 4.1 6.6 8.5 6.0 11.1 8.5	11.3 9.7 5.0 8.7 13.7 5.3 11.3 10.8 5.9 12.8 13.0 10.7	3.6 7.4 13.1 10.5 11.1 6.1	Independenc Ivanhoe Kiln Lift McClure Pas Nast North Lost Williams For Glenmar Ran Jones Pass Middle Fork Willow Creek Granby Willow Cr.
Surface Creek Alexander Lake Mesa Lakes Park Reservoir	1/30 1/29 1/28	33 31 45	9.6 6.6 11.1	11.3 11.3 12.8	10.5	Plateau Cree Mesa Lakes Park Reserv Trickle Div
Uncompangre River Ironton Park Red Mountain Pass Telluride (B)	1/30 1/29 1/28	34 56 25	8.8 16.7 5.2	12.4 23.0 7.0	8.0 19.0 4.7	YAMPA BASIN Elk River Elk River # Hahn's Peak
COLORADO BASIN Blue River Blue River Fremont Pass Frisco Pass Grizzly Peak Hoosier Pass (B) Shrine Pass Snake River Summit Ranch	1/30 1/28 1/29 1/29 1/30 1/28 1/29 1/28	24 41 20 38 29 38 23 18	4.9	12.2	4.4 10.6 8.0 10.3	White River Burro Mount Rio Blanco Yampa River Bear River Columbine (Crosho Dry Lake Lynx Pass (Rabbit Ears Tower Yampa View

	CURRENT INFORMATION PAST RECOR				
SNOW COURSE	DATE OF SURVEY	SNDW DEPTH (INCHES)	WATER CONTENT (INCHES)		ONTENT HES)
	SURVEY	(INCHES)	(INCHES)	L'AST YEAR	AVG. 58-72
Colorado River					
Arrow	1/28	31	9.1	8.6	7.5
Berthoud Pass	1/28	33	7.4	10.6	9.4
Berthoud Summit	1/28	38 32	9.6	13.3	6.9
Cooper Hill Fiddler Gulch	NS			7.4	9.0
Glenmar Ranch	1/27	24	4.9	5.4	5.1
Gore Pass	1/28	27	6.2	8.6	6.2
Grand Lake	1/26	27	5.2	5.2	4.9
Lake Irene	1/26	44	11.4	12.5	13.8
Lapland	1/27 NS	25	5.4	7.0	6.6
Lulu Lynx Pass	1/28	30	6.8	9.0	7.6
McKenzie Gulch	1/29	20	3.8	4.0	4.1
Middle Fork	1/27	24	5.6	6.3	5.7
Milner	1/26	30	7.3	8.7	
North Inlet	1/25	22	5.0	7.0	5.1
Pando Phantom Valley	1/28	26 25	5.5	5.3 7.5	6.0
Ranch Creek	1/28	24	6.0	5.7	5.6
Tennessee Pass (B)	1/31	28	5.4	6.1	6.5
Vail Pass	Desti			10.5	10.4
Vasquez	1/28	32	9.0	7.7	7.7
Roaring Fork					
Aspen	1/28	40	10.3	10.9	10.0
Independence Pass	1/22	32	7.9	11.1	9.7
Ivanhoe	1/27	40 31	9.6	11.4	10.2
Kiln Lift	1/28	34	10.3	10.1	10.1
McClure Pass	1/28	32	8.5	10.8	
Nast	1/27	20	3.8	5.1	4.3
North Lost Trail	1/28	29	6.7	10.6	10.0
Williams Fork River					
Glenmar Ranch	1/27	24	4.9	5.4	5.1
Jones Pass Middle Fork	1/30	34	7.4 5.6	9.2	8.7 5.7
	1,2,		3.0	0.5	J.,
Willow Creek	1/27	22	5 2	4.2	4.7
Granby Willow Cr. Pass	1/27 1/27	23	5.2	7.1	7.7
	1/2/	20	0.4	, , , ,	
Plateau Creek Mesa Lakes	1/29	31	6.6	11.3	10.5
Park Reservoir	1/28	45	11.1	12.8	14.6
Trickle Divide	1/28	48	12.3	13.2	16.0
YAMPA BASIN					
Elk River Elk River #2	1/27	47	12.6	11.4	11.4
Hahn's Peak	1/27	40	10.0	10.1	
White River			1		
Burro Mountain	1/29	37	7.0	13.2	11.5
Rio Blanco	1/28	33	8.2	9.5	9.0
Yampa River					
Bear River	NS				
Columbine (B)	1/28	47	12.4	18.5	14.3
Crosho	NS	6.1	10.4	14.8	12.0
Dry Lake	1/29 1/28	41	6.8		7.6
Lynx Pass (B) Rabbit Ears	1/28	1	13.0		
Tower	1/29	81	24.4	33.4	
Yampa View	1/28	36	8.9	13.4	9.8

NOTE: NS - No Survey
(B) - On Adjacent Drainage

LIST of COOPERATORS

The following organizations cooperate in snow surveys for the Colorado, Platte, Arkansas and Rio Grande watersheds. Many other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

STATE

Colorado State Engineer New Mexico State Engineer Nebraska State Engineer Colorado State University Experiment Station Rocky Mountain Forest and Range Experiment Station

FEDERAL

Department of Agriculture

Forest Service Soil Conservation Service

Department of Interior

Bureau of Reclamation Geological Survey National Park Service Indian Service

Department of Commerce

NOAA, National Weather Service

Defence Department

Army Engineer Corps

Atomic Energy Commission

INVESTOR OWNED UTILITIES

Colorado Public Service Company Public Service Company of New Mexico

MUNICIPALITIES

City of Denver City of Greeley
City of Boulder City of Fort Collins

WATER USERS ORGANIZATIONS

Arkansas Valley Ditch Association Colorado River Water Conservation District

IRRIGATION PROJECTS

Farmers Reservoir and Irrigation Company
San Luis Valley Irrigation District
Santa Maria Reservoir Company
Costilla Land Company
Uncompangre Valley Water Users' Association
Twin Lakes Reservoir and Canal Company
Trinchera Irrigation Co.

UNITED STATES DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SNOW SURVEY UNIT

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domestic and municipal water supply, hydro-electric power water supply for irrigation, necessary for forecasting Furnishes the basic data generation, navigation, mining and industry "The Conservation of Water begins with the Snow Survey"